

Project Name: Prototype Ciona Intestinalis Sperm/Egg Filter

Customer: Joint Genome Institute-Instrumentation Group

Date: 9/10/2001 to 12/4/2001

Project team members:

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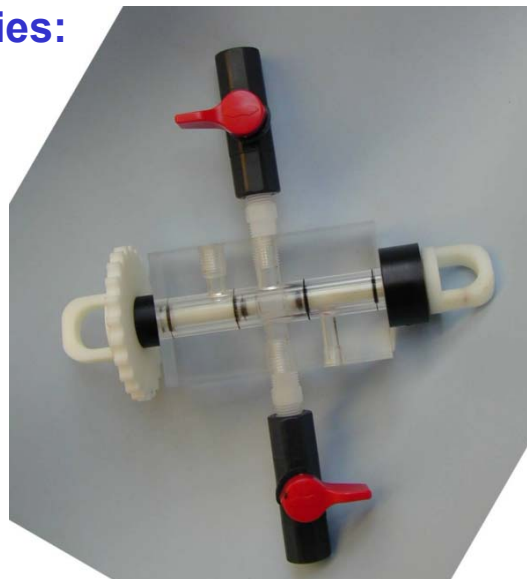


Project:

A key stage in automating the DNA electroporation process for *Ciona Intestinalis* (Sea Squirt) is the filtering of sperm from a batch of fertilized eggs. JGI developed a concept for a prototype module that automates this sperm/egg filtering process. DesignWorks performed the detail design and fabrication work to carry the concept into a working physical prototype.

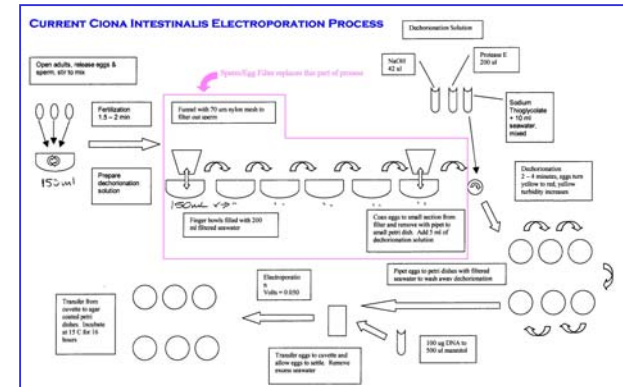
Services and capabilities:

- Detail design
- Solid modeling
- Rapid prototyping
- Procedure definition
- Process review



Working physical prototype

Current Hand Process



Solid model of prototype

